Transit Bus Rule for the South Coast

September 15 - 16, 2005
Board Hearing
Diamond Bar, CA

South Coast Rule 1192

- Adopted 2000
- Alt Fuel Purchase/Lease Requirement Beginning 2001
- Applies to Public Transit Fleets With
  - 15 or More Transit Vehicles
  - ≥ 14,000 lbs. GVWR
- Enforcement of Rule 1192 Occurring
ARB’s Existing Fleet Rule For Transit Agencies

- Non-revocable Diesel/Alt Fuel Path Selection
- Ultra-low Sulfur Fuel
- 4.8 g/bhp-hr NOx Average
- Multiple Stage PM Reduction
- ZEB Demo and Purchase Requirement

ARB’s Amendment

- Urban Buses
- Alternative Fuel Path is Mandatory in South Coast
- Beginning 1/1/2006 Through 2015
- Follow Alternative Fuel Path PM and ZEB Deadlines
SC Transit Agencies Affected

**Alternative Fuel Path**
- Commerce
- Culver City
- Foothill
- Glendale
- L.A. MTA
- L.A. DOT
- Omnitrans
- Orange County
- Riverside
- Sun Line

**Diesel Path**
- Gardena
- Long Beach
- Montebello
- Norwalk
- Santa Clarita
- Torrance

*Operate 10% of the Buses.

Emission Benefits and Cost Effectiveness

- **Emission Benefits in 2010**
  - Beyond District Rule 1192: 0 tpd NOx
  - ARB stand-alone*: 0.13 tpd NOx

- **Cost Effectiveness:** $10,784/ton of NOx reduced

* Assumes Federal Waiver Granted
Issues

- Alternative Fuel Mandate
- Potential for Slower Turnover

Options for Board Consideration

- Adopt Amendment; Seek Waiver
- No Action; District Continues to Enforce the Local Rule